

Phase and coil connections for the 12-pole machine configuration

Machine Pole	Coil Number	Machine Phases					
		+A	+B	+C	-A	-B	-C
N	1	X					
	2					X	
	3			X			
S	4					X	
	5		X				
	6						X
N	7	X					
	8					X	
	9			X			
S	10					X	
	11		X				
	12						X
N	13	X					
	14					X	
	15			X			
S	16					X	
	17		X				
	18						X
N	19	X					
	20					X	
	21			X			
S	22					X	
	23		X				
	24						X
S	25	X					
	26					X	
	27			X			
N	28					X	
	29		X				
	30						X
S	31	X					
	32					X	
	33			X			
N	34					X	
	35		X				
	36						X

FIG. 1

FIG. 2

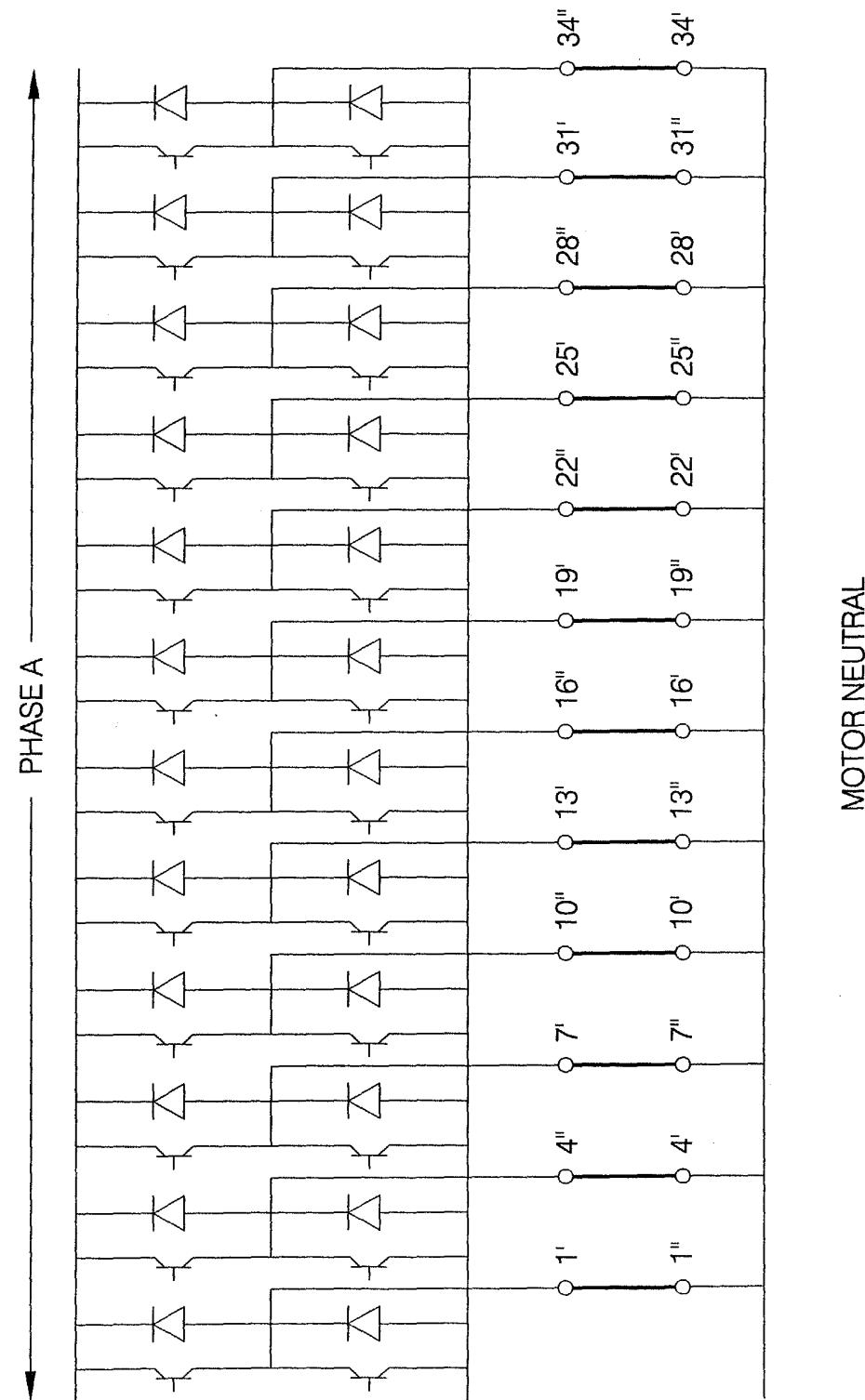


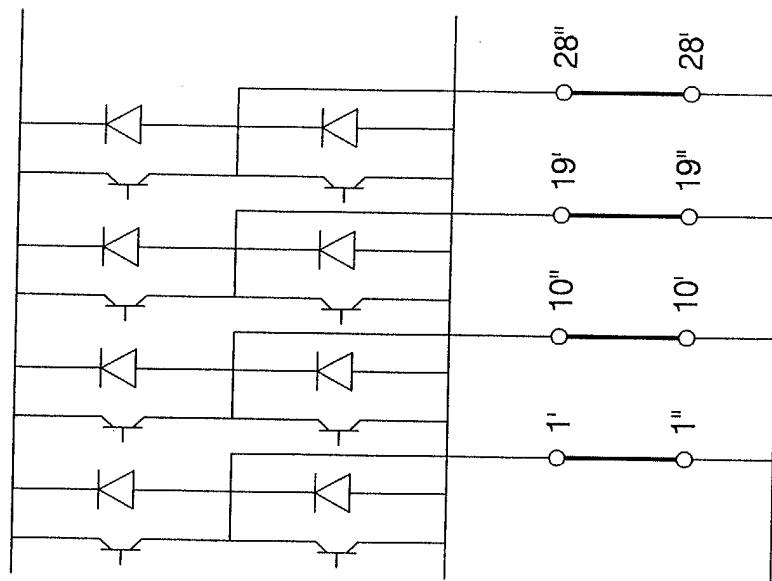
FIG. 3

Phase and coil connections for 4-pole machine configuration

Machine Pole	Coil number	MACHINE PHASES																
		+A	+B	+C	+D	+E	+F	+G	+H	+I	-A	-B	-C	-D	-E	-F	-G	-H
N	1	X																
	2																X	
	3		X															
	4																X	
	5			X														
	6																X	
	7				X													
	8																	X
	9					X												
S	10														X			
	11						X											
	12														X			
	13							X										
	14														X			
	15								X									
	16															X		
	17									X								
	18															X		
N	19	X																
	20																X	
	21	X																
	22																X	
	23		X															
	24																X	
	25			X														
	26																	X
	27				X													
N	28													X				
	29					X												
	30													X				
	31						X											
	32														X			
	33							X										
	34															X		
	35								X									
	36															X		

FIG. 4

PHASE A



MOTOR NEUTRAL

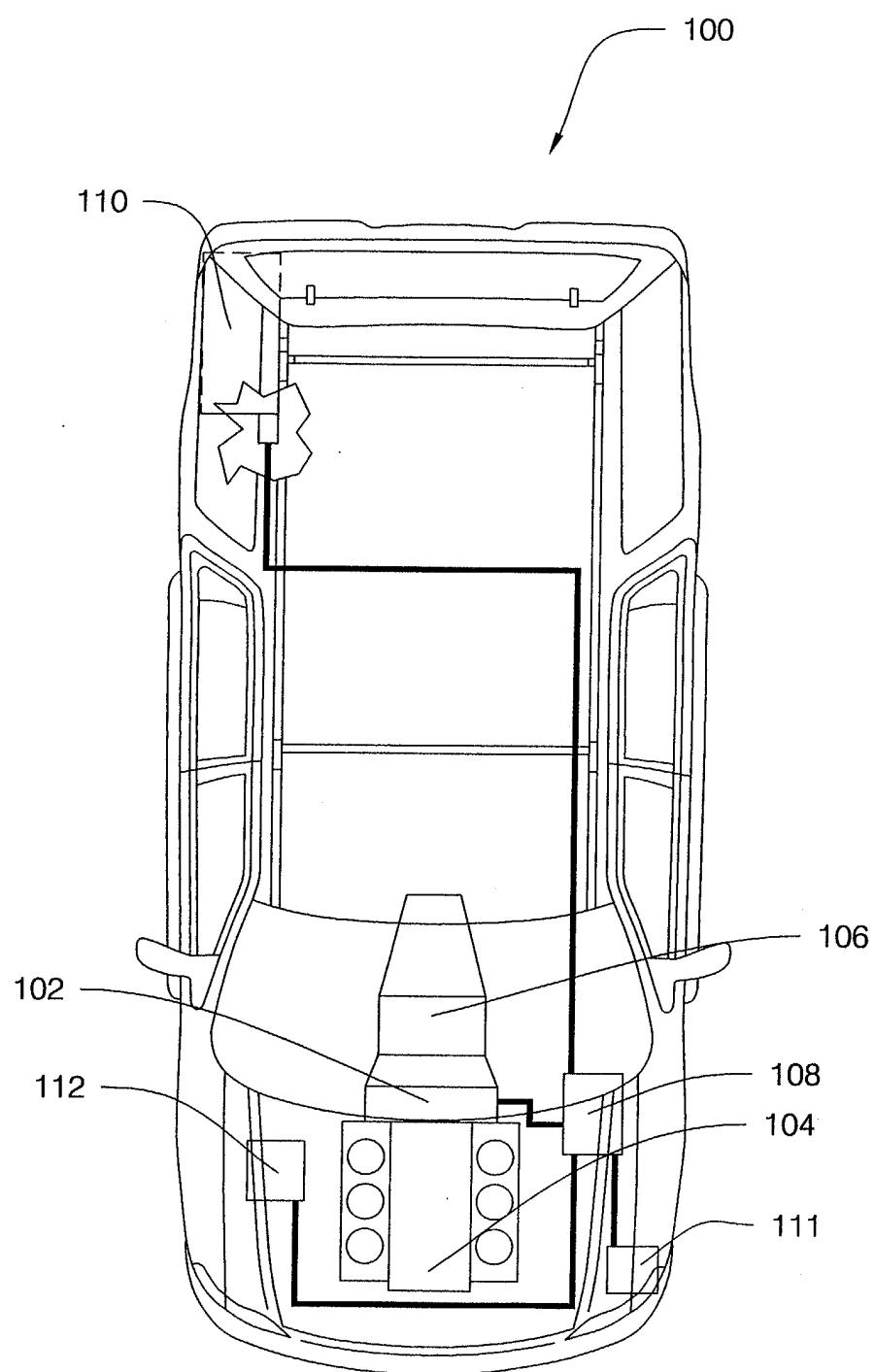


FIG. 5

FIG. 6

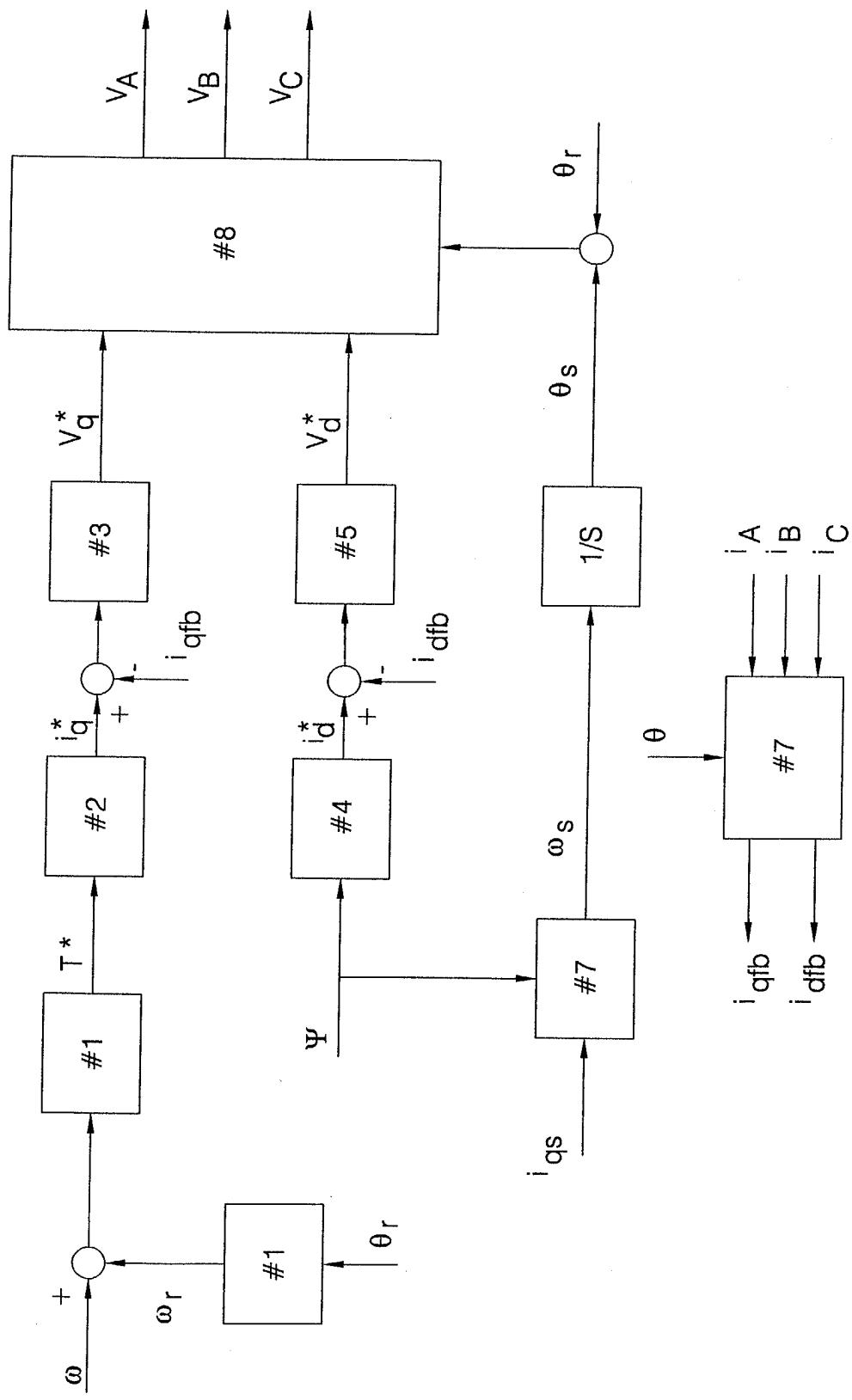
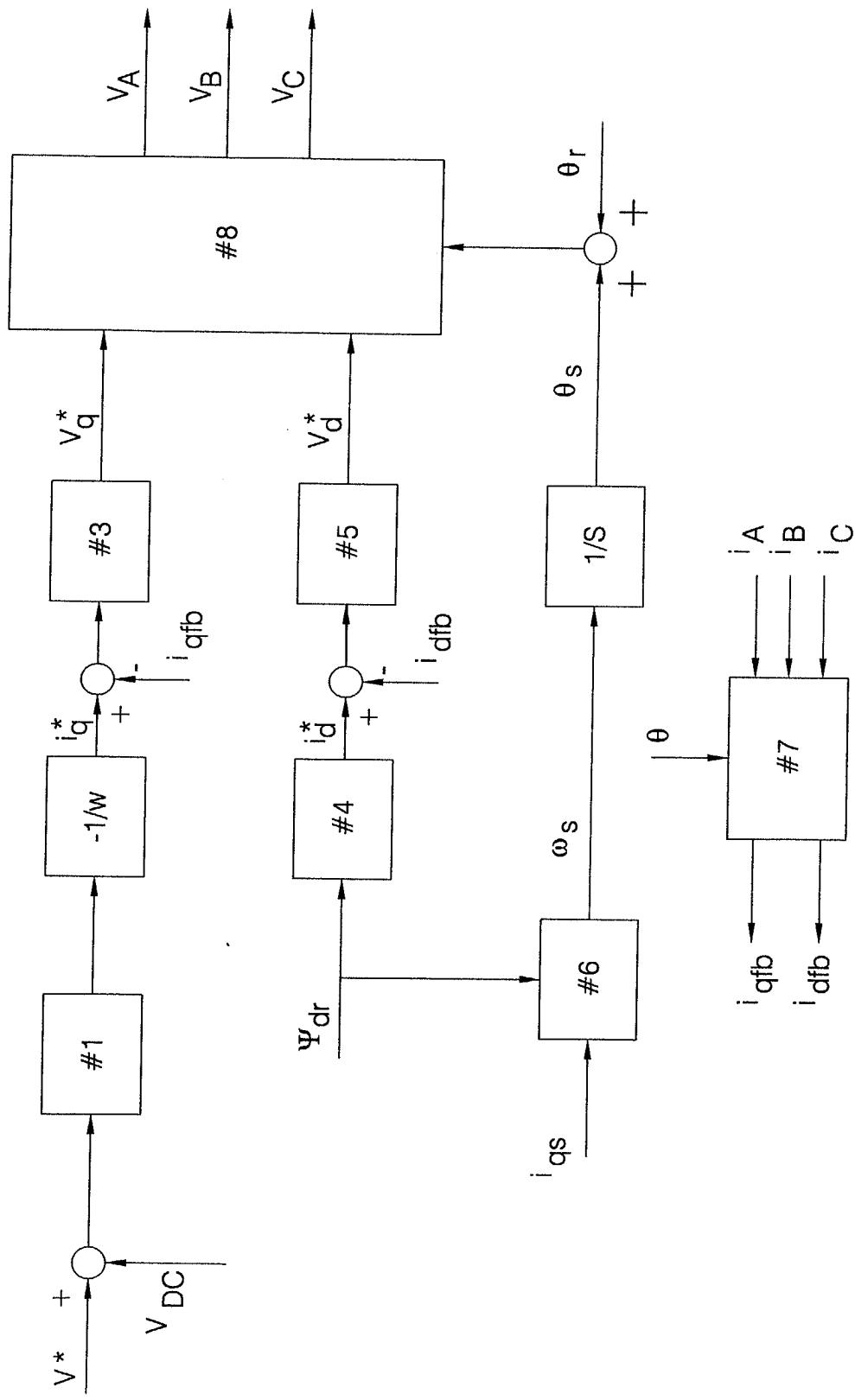


FIG. 7



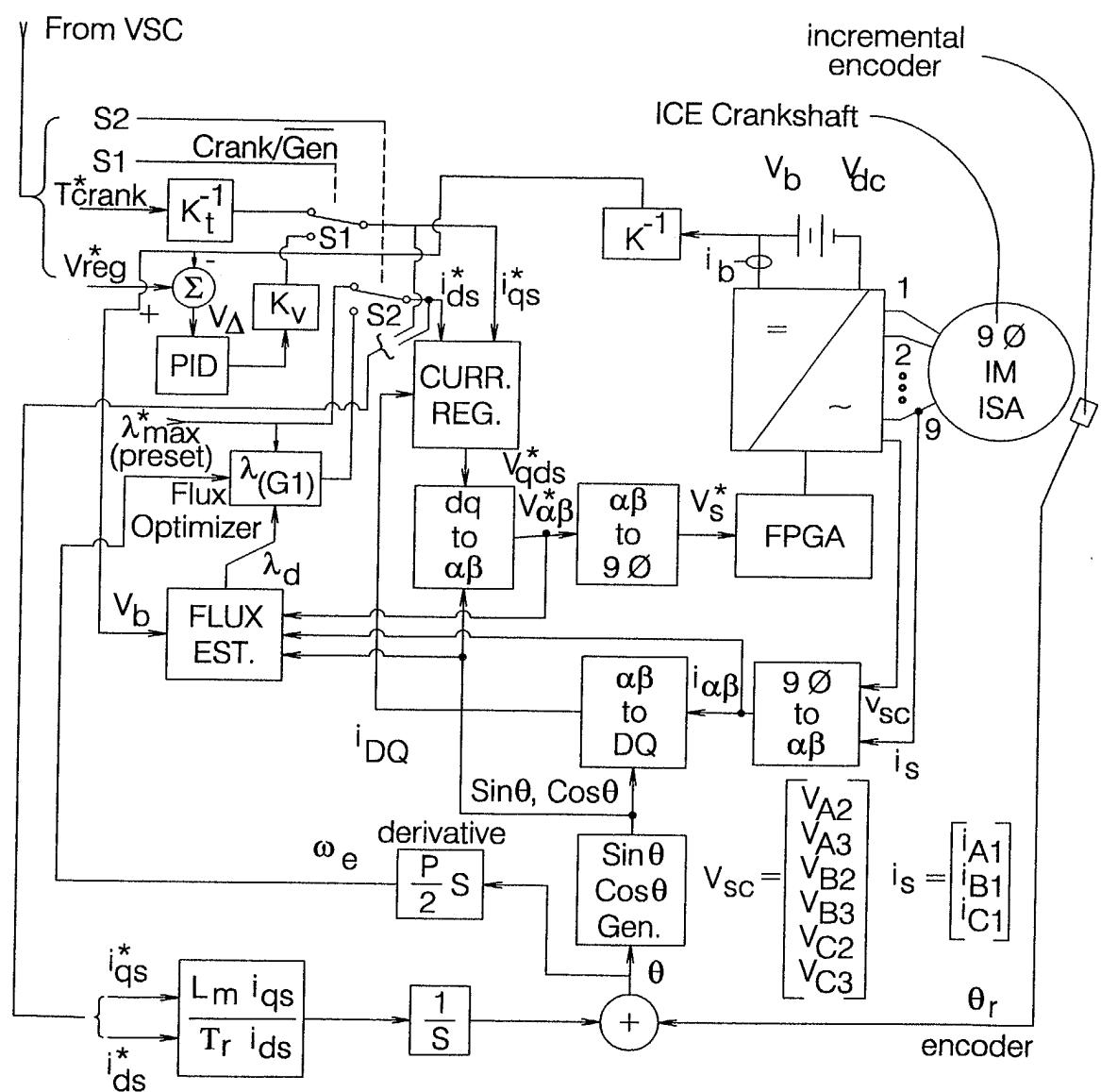


FIG. 8